ABSTRACT

Method and apparatus for deriving information regarding a subsurface geophysical formation. Well logging data is acquired for the subsurface geophysical formation. Geometrical parameters for the subsurface geophysical formation are determined by inversion processing of the acquired well logging data in a pattern space while formation conductivities for the subsurface geophysical formation are determined by inversion processing of the acquired well logging data in a measurement space. The processing may be iteratively applied until satisfied formation parameters are achieved.